

SECTION 2. FORMS PTO/SB/08A and 08B (formerly Form PTO-1449)**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Liew et al. Attorney Docket: 3155/119
Serial No: 10/665,725 Art/Group Unit: 3737
Filing Date: September 16, 2003 Examiner Name: Ramirez, John Fernando
Conf. No.: 4659
Invention: NOVEL IMAGING MARKERS IN MUSCULOSKELETAL DISEASE

**LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

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Examiner Initials	Reference Number	Document Number	Issue Date	Inventor	Class/ Subclass
	AA	US 2,274,808	Mar. 3, 1942	Rinn	250/69
	AB	US 3,924,133	Dec. 2, 1975	Reiss	250/408
	AC	US 4,012,638	Mar. 15, 1977	Altschuler et al.	250/491
	AD	US 4,126,789	Nov. 21, 1978	Vogl et al.	250/505
	AE	US 4,233,507	Nov. 11, 1980	Volz	250/252
	AF	US 4,251,732	Feb. 17, 1981	Fried	250/479
	AG	US 4,298,800	Nov. 3, 1981	Goldman	250/445T
	AH	US 4,356,400	Oct. 26, 1982	Polizzi et al.	378/138
	AI	US 4,400,827	Aug. 23, 1983	Spears	378/207
	AJ	US 4,593,400	Jun. 3, 1986	Mouyen	378/99
	AK	US 4,649,561	Mar. 10, 1987	Arnold	378/207
	AL	US 4,686,695	Aug. 11, 1987	Macovski	378/146
	AM	US 4,782,502	Nov. 1, 1988	Schultz	378/18
	AN	US 4,922,915	May 8, 1990	Arnold et al.	128/653 R
	AO	US 4,956,859	Sep. 11, 1990	Lanza et al.	378/157
	AP	US 4,985,906	Jan. 15, 1991	Arnold	378/18
	AQ	US 5,001,738	Mar. 19, 1991	Brooks	378/170
	AR	US 5,090,040	Feb. 18, 1992	Lanza et al.	378/62
	AS	US 5,122,664	Jun. 16, 1992	Ito et al.	250/327.2
	AT	US 5,127,032	Jun. 30, 1992	Lam et al.	378/189
	AU	US 5,150,394	Sep. 22, 1992	Karellas	378/62
	AV	US 5,172,695	Dec. 22, 1992	Cann et al.	128/653.1
	AW	US 5,187,731	Feb. 16, 1993	Shimura	378/207
	AX	US 5,200,993	Apr. 6, 1993	Wheeler et al.	379/96
	AY	US 5,222,021	Jun. 22, 1993	Feldman et al.	364/413.14
	AZ	US 5,228,445	Jul. 20, 1993	Pak et al.	128/660.01
	BA	US 5,235,628	Aug. 10, 1993	Kalender	378/207
	BB	US 5,247,934	Sep. 28, 1993	Wehrli et al.	128/653.2

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	BC	US 5,270,651	Dec. 14, 1993	Wehrli	324/308
	BD	US 5,271,401	Dec. 21, 1993	Fishman	128/654
	BE	US 5,335,260	Aug. 2, 1994	Arnold	378/207
	BF	US 5,384,643	Jan. 24, 1995	Inga et al.	358/403
	BG	US 5,476,865	Dec. 19, 1995	Panetta et al.	514/369
	BH	US 5,493,593	Feb. 20, 1996	Müller et al.	378/19
	BI	US 5,493,601	Feb. 20, 1996	Fivez et al.	378/207
	BJ	US 5,513,240	Apr. 30, 1996	Hausmann et al.	378/170
	BK	US 5,521,955	May 28, 1996	Gohn et al.	378/18
	BL	US 5,537,483	Jul. 16, 1996	Stapleton et al.	382/309
	BM	US 5,562,448	Oct. 8, 1996	Mushabac	433/215
	BN	US 5,565,678	Oct. 15, 1996	Manian	250/252.1
	BO	US 5,592,943	Jan. 14, 1997	Buhler et al.	128/661.03
	BP	US 5,600,574	Feb. 4, 1997	Reitan	364/552
	BQ	US 5,657,369	Aug. 12, 1997	Stein et al.	378/208
	BR	US 5,687,210	Nov. 11, 1997	Maitrejean et al.	378/57
	BS	US 5,769,072	Jun. 23, 1998	Olsson et al.	128/205,13
	BT	US 5,769,074	Jun. 23, 1998	Barnhill et al.	128/630
	BU	US 5,772,592	Jun. 30, 1998	Cheng et al.	600/407
	BV	US 5,852,647	Dec. 22, 1998	Schick et al.	378/53
	BW	US 5,864,146	Jan. 26, 1999	Karellas	250/581
	BX	US 5,886,353	Mar. 23, 1999	Spivey et al.	250/370.09
	BY	US 5,915,036	Jun. 22, 1999	Grunkin et al.	382/132
	BZ	US 5,917,877	Jun. 29, 1999	Chiabrera et al.	378/5.3
	CA	US 5,931,780	Aug. 3, 1999	Giger et al.	600/407
	CB	US 5,945,412	Aug. 31, 1999	Fuh et al.	514/176
	CC	US 5,948,692	Sep. 7, 1999	Miyauti et al.	436/501
	CD	US 6,029,078	Feb. 22, 2000	Weinstein et al.	600/407
	CE	US 6,064,716	May 16, 2000	Sifflert et al.	378/53
	CF	US 6,077,224	Jun. 20, 2000	Lang et al.	600/437

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	CG	US 6,156,799	Dec. 5, 2000	Hartke et al.	514/573
	CH	US 6,178,225	Jan. 23, 2001	Zur et al.	378/98.2
	CI	US 6,205,348	Mar. 20, 2001	Giger et al.	600/407
	CJ	US 6,215,846	Apr. 10, 2001	Mazess et al.	378/62
	CK	US 6,226,393	May 1, 2001	Grunkin et al.	382/128
	CL	US 6,246,745	Jun. 12, 2001	Bi et al.	378/54
	CM	US 6,248,063	Jun. 19, 2001	Barnhill et al.	600/300
	CN	US 6,249,692	Jun. 19, 2001	Cowin	600/407
	CO	US 6,252,928	Jun. 26, 2001	MacKenzie	378/54
	CP	US 6,285,901	Sep. 4, 2001	Taicher et al.	600/410
	CQ	US 6,289,115	Sep. 11, 2001	Takeo	382/130
	CR	US 6,302,582	Oct. 16, 2001	Nord et al.	378/207
	CS	US 6,315,553	Nov. 13, 2001	Sachdeva et al.	433/24
	CT	US 6,320,931	Nov. 20, 2001	Arnold	378/56
	CU	US 6,377,653	Apr. 23, 2002	Lee et al.	378/54
	CV	US 6,411,729	Jun. 25, 2002	Grunkin	382/132
	CW	US 6,430,427	Aug. 6, 2002	Lee et al.	600/407
	CX	US 6,449,502	Sep. 10, 2002	Ohkubo	600/407
	CY	US 6,463,344	Oct. 8, 2002	Pavloskaia et al.	700/98
	CZ	US 6,501,827	Dec. 31, 2002	Takasawa	378/116
	DA	US 6,556,698	Apr. 29, 2003	Diano et al.	382/132
	DB	US 6,690,761	Feb. 10, 2004	Lang et al.	378/56
	DC	US 6,694,047	Feb. 17, 2004	Farrokhnia et al.	382/132
	DD	US 6,717,174	Apr. 6, 2004	Karellas	250/582
	DE	US 6,799,066	Sep. 28, 2004	Steines et al.	600/407
	DF	US 6,807,249	Oct. 19, 2004	Dinten et al.	378/54
	DG	US 6,811,310	Nov. 2, 2004	Lang et al.	378/169
	DH	US 6,824,309	Nov. 30, 2004	Robert-Coutant et al.	378/207
	DI	US 6,829,378	Dec. 7, 2004	DiFilippo et al.	382/128
	DJ	US 6,835,377	Dec. 28, 2004	Goldberg et al.	424/93.7

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	DK	US 6,836,557	Dec. 28, 2004	Tamez-Pena et al.	382/128
	DL	US 6,895,077	May 17, 2005	Karellas et al.	378/98.3
	DM	US 6,904,123	Jun. 7, 2005	Lang	378/54
	DN	US 6,934,590	Aug. 23, 2005	Ogawa	700/19
	DO	US 6,975,894	Dec. 13, 2005	Wehrli et al.	600/407
	DP	US 7,050,534	May 23, 2006	Lang	378/54
	DQ	US 7,058,159	Jun. 6, 2006	Lang et al.	378/54
	DR	US 7,120,225	Oct. 10, 2006	Lang et al.	378/54
	DS	US 7,184,814	Feb. 27, 2007	Lang et al.	600/416
	DT	US 7,239,908	Jul. 3, 2007	Alexander et al.	600/427
	DU	US 7,245,697	Jul. 17, 2007	Lang	378/54
	DV	US 7,292,674	Nov. 6, 2007	Lang	378/54
	DW	US 7,379,529	May 27, 2008	Lang	378/54
	DX	US 7,467,892	Dec. 23, 2008	Lang et al.	378/207
	DY	US 7,545,964	Jun. 9, 2009	Lang et al.	382/128
	DZ	US 7,580,504	Aug. 25, 2009	Lang et al.	378/56
	EA	US 7,660,453	Feb. 9, 2010	Lang	382/132
	EB	US 7,664,298	Feb. 16, 2010	Lang et al.	382/128
	EC	US 7,676,023	Mar. 9, 2010	Lang	378/54

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Examiner Initials	Reference Number	Document Number	Publication Date	Inventor	Class/ Subclass
	ED	US 2002/0087274	Jul. 4, 2002	Alexander et al.	702/19
	EE	US 2002/0159567	Oct. 31, 2002	Sako et al.	378/117
	EF	US 2002/0186818	Dec. 12, 2002	Arnaud et al.	378/165

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	EG	US 2002/0194019	Dec. 19, 2002	Evertsz	705/2
	EH	US 2002/0196966	Dec. 26, 2002	Jiang et al.	382/132
	EI	US 2003/0015208	Jan. 23, 2003	Lang et al.	128/922
	EJ	US 2003/0198316	Oct. 23, 2003	Dewaele et al.	378/54
	EK	US 2004/0106868	Jun. 3, 2004	Liew et al.	600/442
	EL	US 2004/0242987	Dec. 2, 2004	Liew et al.	600/407
	EM	US 2004/0247074	Dec. 9, 2004	Langton	378/54
	EN	US 2005/0015002	Jan. 20, 2005	Dixon et al.	600/407
	EO	US 2005/0148860	Jul. 7, 2005	Liew et al.	600/410
	EP	US 2005/0240096	Oct. 27, 2005	Ackerman et al.	600/410
	EQ	US 2006/0062442	Mar. 23, 2006	Arnaud et al.	382/128
	ER	US 2007/0047794	Mar. 1, 2007	Lang et al.	382/132
	ES	US 2007/0274442	Nov. 29, 2007	Gregory et al.	378/54
	ET	US 2008/0031412	Feb. 7, 2008	Lang et al.	378/54
	EU	US 2008/0058613	Mar. 6, 2008	Lang et al.	600/300
	EV	US 2008/0097794	Apr. 24, 2008	Arnaud et al.	705/3
	EW	US 2008/0219412	Sep. 11, 2008	Lang	378/207
	EX	US 2009/0207970	Aug. 20, 2009	Lang	378/38
	EY	US 2009/0225958	Sep. 10, 2009	Lang	378/207
	EZ	US 2010/0014636	Jan. 21, 2010	Lang et al.	378/56

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Examiner Initials	Reference Number	Country Code	Document Number	Publication Date	Patentee/ Applicant	Class/ Subclass
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	FB	DE	19853965	May 31, 2000	Siemens AG	A61F 2/28

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Examiner Initials	Reference Number	Country Code	Document Number	Publication Date	Patentee/Applicant	Class/Subclass
	FC	DE	19853965 (English Abstract)	May 31, 2000	Siemens AG	A61F 2/28
	FD	EP	0314506	May 3, 1989	The Governors of the University of Alberta	A61B 6/14
	FE	EP	0570936	Aug. 9, 2000	Aloka Co. Ltd.	A61B 8/08
	FF	EP	0678191	Feb. 21, 2001	Arnold	G01D 18/00
	FG	EP	0797952	Oct. 1, 1997	Hologic, Inc.	A61B 8/08
	FH	EP	1069395	Jul. 12, 2006	Nitto Denko Corp.	G01B 3/10
	FI	EP	1230896	Aug. 14, 2002	Herzog	A61B 6/14
	FJ	EP	1230896 (English Abstract)	Aug. 14, 2002	Herzog	A61B 6/14
	FK	EP	1283492	Feb. 12, 2003	Arch Development Corporation	G06F 19/00
	FL	EP	1349098	Oct. 1, 2003	Agfa-Gevaert N.V.	G06F 19/00
	FM	EP	1357480	Oct. 29, 2003	Agfa-Gevaert N.V.	G06F 17/00
	FN	EP	1424650	Jun. 2, 2004	Canon Kabushiki Kaisha	G06F 19/00
	FO	EP	1598778	Nov. 23, 2005	Agfa-Gevaert	G06T 3/40
	FP	GB	2023920	Jan. 3, 1980	Thoro-Ray Inc.	H01J 35/14
	FQ	JP	05 099829	Apr. 23, 1993	Matsushita Electric Ind. Co. Ltd.	G01N 9/24
	FR	JP	05 099829 (English Abstract)	Apr. 23, 1993	Matsushita Electric Ind. Co. Ltd.	G01N 9/24
	FS	JP	08 186762	Jul. 16, 1996	Toshiba Medical Eng.	H04N 5/325
	FT	JP	08 186762 (English Abstract)	Jul. 16, 1996	Toshiba Medical Eng.	H04N 5/325

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Examiner Initials	Reference Number	Country Code	Document Number	Publication Date	Patentee/ Applicant	Class/ Subclass
	FU	JP	10 145396	May 29, 1998	Siemens AG	H04L 12/28
	FV	JP	10 145396 (English Abstract)	May 29, 1998	Siemens AG	H04L 12/28
	FW	JP	10 262959	May 29, 1998	Dainippon Printing Co. Ltd.	A61B 6/00
	FX	JP	10 262959 (English Abstract)	Oct. 6, 1998	Dainippon Printing Co. Ltd.	A61B 6/00
	FY	JP	11 069136	Mar. 9, 1999	Canon KK	H04 1/387
	FZ	JP	11 069136 (English Abstract)	Mar. 9, 1999	Canon KK	H04N 1/387
	GA	JP	11 112877	Apr. 23, 1999	Fuji Photo Film Co. Ltd.	H04N 5/325
	GB	JP	11 112877 (English Abstract)	Apr. 23, 1999	Fuji Photo Film Co. Ltd.	H04N 5/325
	GC	JP	62 266053	Nov. 18, 1987		A61C 19/04
	GD	JP	62 266053 (English Translation of Claim 1)	Nov. 18, 1987		A61C 19/04
	GE	JP	2000 126168	May 9, 2000	Teijin Ltd.	A61B 6/00
	GF	JP	2000 126168 (English Abstract)	May 9, 2000	Teijin Ltd.	A61B 6/00
	GG	JP	2000 139889	May 23, 2000	Canon KK	A61B 6/00
	GH	JP	2000 139889 (English Abstract)	May 23, 2000	Canon KK	A61B 6/00

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	GK	JP	2003 230557	Aug. 19, 2003	Kajima Isamu	A61B 6/00
	GL	JP	2003 230557 (English Abstract)	Aug. 19, 2003	Kajima Isamu	A61B 6/00
	GM	WO	94/012855	Jun. 9, 1994	Arnold	G01D 18/00
	GN	WO	95/014431	Jun. 1, 1995	Arch Development Corporation	A61B 5/103
	GO	WO	99/008597	Feb. 25, 1999	Mendlein et al.	A61B 8/00
	GP	WO	99/045371	Sep. 10, 1999	Image Analysis, Inc.	G01N 23/06
	GQ	WO	99/045845	Sept. 16, 2009	Lang et al.	A61B 8/00
	GR	WO	99/052331	Oct. 14, 1999	Miles	H05G 1/10
	GS	WO	00/033157	Jun. 8, 2000	Hologic, Inc.	G06F
	GT	WO	01/038824	May 31, 2001	Hologic, Inc.	G01B 15/02
	GU	WO	01/063488	Aug. 30, 2001	Healthscreen International, Inc.	G06F 17/30
	GV	WO	01/065449	Sep. 7, 2001	Medeview.com, Inc.	G06F 17/60
	GW	WO	02/017789	Mar. 7, 2002	Osteonet.com, Inc.	A61B 6/00
	GX	WO	02/030283	Apr. 18, 2002	Osteonet.com, Inc.	A61B 6/00
	GY	WO	02/096284	Dec. 5, 2002	Imaging Therapeutics	A61B 5/00
	GZ	WO	03/071934	Sep. 4, 2003	Imaging Therapeutics, Inc.	A61B
	HA	WO	03/073232	Sep. 4, 2003	Imaging Therapeutics, Inc.	G06F
	HB	WO	03/088085	Oct. 23, 2003	Arizona Board of Regents	G06F 17/30
	HC	WO	2004/019256	Mar. 4, 2004	Imaging Therapeutics, Inc.	G06F 19/00

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	HE	WO	2004/062495	Jul. 29, 2004	Imaging Therapeutics, Inc	A61B 5/00
	HF	WO	2004/086972	Oct. 14, 2004	Imaging Therapeutics, Inc.	A61B 6/00
	HG	WO	2004/096048	Nov. 11, 2004	Wright State University	A61B 6/00
	HH	WO	2005/027732	Mar. 31, 2005	Imaging Therapeutics, Inc.	A61B
	HI	WO	2006/033712	Mar. 30, 2006	Imaging Therapeutics, Inc.	A61B 6/00
	HJ	WO	2006/034018	Mar. 30, 2006	Imaging Therapeutics, Inc.	G06T 7/00
	HK	WO	2008/034101	Mar. 20, 2008	Imaging Therapeutics, Inc.	Not Classified

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Examiner Initials	Reference Number	Author	Title of Article, Title of Journal, Volume Number, Page Numbers, Date
	HL	Barker	"Case Method: Entity Relationship Modeling" (Computer Aided Systems Engineering), 1 st Ed., Addison-Wesley Longman Pub. Co., Inc., 2 pages (Abstract Pages Only) (1990)

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	HM	Bauer et al.	"Biochemical Markers of Bone Turnover and Prediction of Hip Bone Loss in Older Women: The Study of Osteoporotic Fractures," <i>Journal of Bone and Mineral Research</i> , Vol. 14, pp. 1404-1410 (1999)
	HN	Beck et al.	"Experimental Testing of a DEXA-Derived Curved Beam Model of the Proximal Femur," <i>Journal of Orthopaedic Research</i> , Vol. 16, No. 3, pages 394-398 (1998)
	HO	Black et al.	"An Assessment Tool for Predicting Fracture Risk in Postmenopausal Women" <i>Osteoporosis International</i> , Vol. 12, pp. 519-528 (2001)
	HP	Cann	"Quantitative CT for Determination of Bone Mineral Density: A Review," <i>Radiology</i> , Vol. 166, No. 2, pp. 509-522 (1988)
	HQ	Cheal et al.	"Role of Loads & Prosthesis Material Properties on the Mechanics of the Proximal Femur After Total Hip Arthroplasty," <i>J. Orthop. Res.</i> , Vol. 10, No. 3, pp. 405-422 (1992)
	HR	Cootes et al.	"Anatomical statistical models and their role in feature extraction," <i>The British Journal of Radiology</i> , Special Issue, 7 pages [S133-S139] (2004)
	HS	Cootes et al.	"Statistical models of appearance for medical image analysis and computer vision," <i>Proc. SPIE Medical Imaging</i> , 14 pages, (2001)
	HT	Cootes	"An Introduction to Active Shape Models," <i>Image</i>

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	HU	Cortet et al.	"Bone Microarchitecture and Mechanical Resistance," <i>Joint Bone Spine</i> , Vol. 68, pp. 297-305 (2001)

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Examiner Initials	Reference Number	Author	Title of Article, Title of Journal, Volume Number, Page Numbers, Date
	HV	Crabtree et al.	"Improving Risk Assessment: Hip Geometry, Bone Mineral Distribution and Bone Strength in Hip Fracture Cases and Controls. The EPOS Study," <i>Osteoporosis Int.</i> , Vol. 13, pp. 48-54 (2002)
	HW	Crawley	"In Vivo Tissue Characterization Using Quantitative Computed Tomography: A Review," <i>Journal of Medical Engineering & Technology</i> , Vol. 14, No. 6, pp. 233-242 (1990)
	HX	Cummings et al.	"Bone Density at Various Sites for Prediction of Hip Fractures," <i>The Lancet</i> , Vol. 341, pp. 72-75 (1993)
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